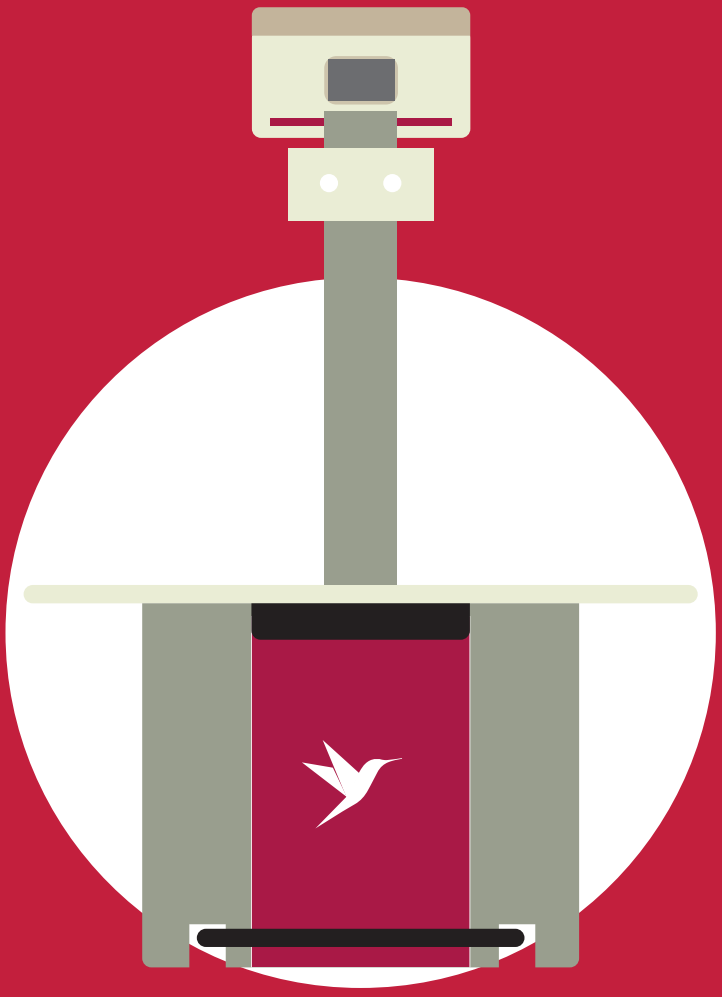
DIGITAL RADIOLOGY **EQUIPMENT**, DIAGNOSTIC IMAGING DIVISION

FOSCHI X1 PLUS



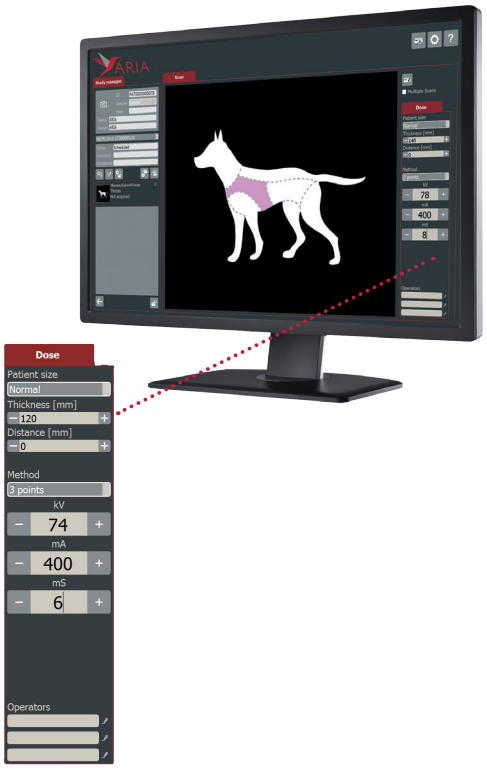
ARIA®
Advanced Resources for Imaging and Applications

MADE IN ITALY,
TOUCH SCREEN CONTROLS,
SOFTWARE ARIA®.

FOSCHI X1 PLUS SYSTEM.

The radiology unit X1 Plus represents the maximum innovation in the field of high frequency equipment for veterinary radiology. With a power of 30 KW, the rotating anode of the X1 Plus enables very rapid exposure times, thus ensuring the quality of radiography at any time. The convenient front touch screen enables the selection of the exposure parameters, already available and divided into animal breed, size and projections.

By means of the integrated software, you can also select the preferred operating mode, with 2-points (kV and mAs) or 3-points (kV, mA and ms) technique. The high quality of the X1 Plus materials ensures the exposure stability over time, thus safeguarding both the patient and the operator. The unit is integrated with the software Aria® in case of connection with CR/DR digital system. Finally the unit is prepared and compatible with most digital image capture systems currently on the market.



Code	Specification
00712316	Foschi X1 Plus
00721350	Foschi X1 Plus with rotating head and variable focal spacer 14 lp/mm

CONFIGURATIONS

Base configuration
- Basic mechanical construction
- Solid and compact structure (oven-fire painted steel with integrated electronics)
- Control panel placed on the X-ray device
- Patient support table: 160 cm floating base - 4 directions
- Grid: focused 100 cm
- Ratio: 8:1
- 103 L" (lines per inch)
- Noiseless table mechanical brake
- Self-centering cassette holder (from 18 x 24 to 43 x 43)
- Grid mounted on removable support, thus enabling easy preparation for exams without grid

X-ray grid
- Grid: focused 100 cm
- Ratio: 8:1
- 103 L" (lines per inch)

Generator 30 kW
- Single phase power supply 230 Vac 16A
- Frequency 50/60 Hz
- Maximum output power: 30 kW
- Working frequency: 40 kHz
- Maximum transmission capability: 125 kV
- Soft keys control panel with LCD display
- User friendly configuration system
- Integrated anatomical program
- Safeties:
- overvoltage
- overcurrent on filament and inverter
- thermal (self-contained)
- maximum exposure time
- capacitor charging and discharging
- IGBT inverter drive

Generator parameters
- kV setting: from 40 to 125 kV, in 1 kV step
- mAs setting: from 0.5 to 100/200 mAs
- mA range: from 32 to 400 mA
- Time range: from 0.003 to 2 s

Self-contained X-ray unit
- Rotating anode insert
- Focal spots 0,6 (11 kW) - 1,3 (30 kW)
- Total filtration: 1,2 mm/al
- Leakage radiation: < 70 mR/h (0.7mGy/h) according to EN 60601-1-3

Operating modes
- 2-points (kV and mAs) or 3-points
- (kV - mA - mS) technique
- Manual selection Kv and mAs
- Automatic calculation and display of the measured value of mA and time
- Automatic exchange of focuses (from small to large) according to the kV being set and optional manual variation
- Manual selection of exposure parameters
- Automatic calculation and display of the measured value of mA and time
- Automatic exchange of focuses (from small to large) according to the kV being set and optional manual variation

Anatomically Programmed Radiography (APR)
- 8 anatomic regions
- More than 100 examinations programmable for each region
- 3 patient sizes selectable (with 10% increase/ decrease of the medium size programmed value)
- Focal spot selection (small - large focus)

Work environment
- Temperature: 10-40 °C
- Relative humidity: 30-75%, not condensed
- Pressure: from 0.5 to 1.6 bar

Collimator: RALCO R108
- Radiation Maximum leakage: 150 kVp-4 Ma
- Multilayer, square field : from 0x0 to 43x43, SID 100 cm
- Minimum inside filtration: equivalent to 2 mm of Al 6 line-pairs

Optional
- Fastening cam cleats for patient immobilization
- Patient support table: length on demand
- Inclined plane for myelographic examinations, with variable angle up to 60 °, with cassette holder (lateral views)
- Focal distance: variable from 0 to 100 cm
- X-ray device rotation (self-contained collimator) (± 90°) manual

4 WAY FLOAT X-RAY TABLE

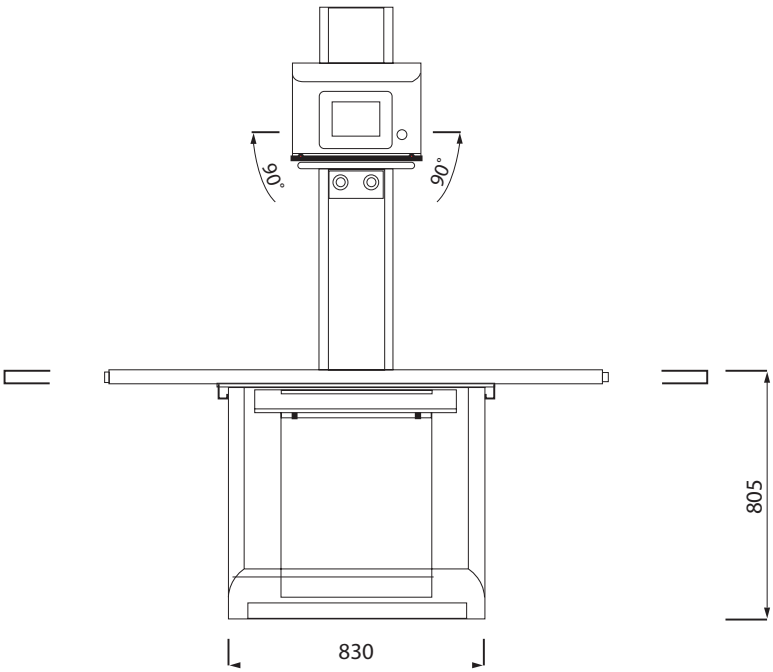
Cod. 00000282

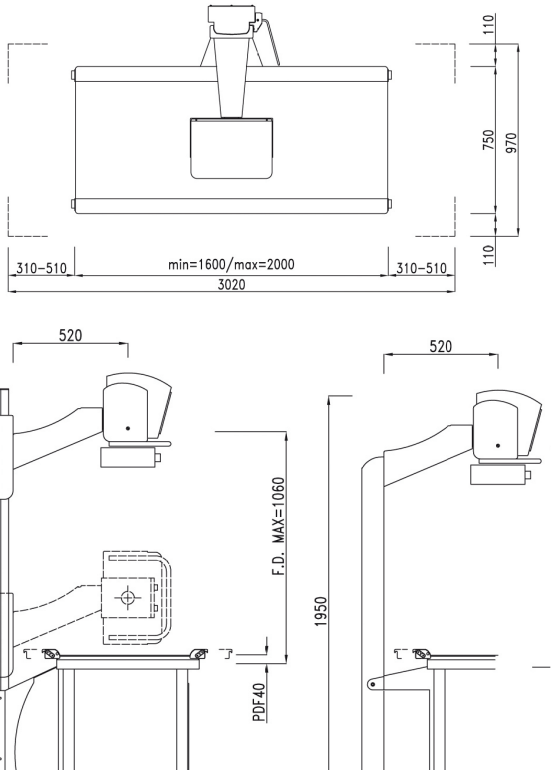
Floating table, suitable for our full range of portable x-ray generators, with a solid, compact structure and a noiseless mechanical brake.
It enable to easily get perfect positioning every time thanks to table movements in every horizontal direction.

X-ray grid (optional): focused 100 cm, ratio 8:1, 103 lines per inches. The grid is mounted on removable support that permit an easy preparation for exams without the grid.

Cod. 22700282

Code	Specification
00000282	4 way float x-ray table
22700282	4 way float x-ray table + portable generator 9020





DEALER INFORMATION

www.aria-vet.com

Foschi
Via di Salone, 132
00131 Roma (RM) - Italy
Tel +39 06 417 905 800
Fax +39 06 417 905 243
orders@foschigroup.com
www.foschigroup.com

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